

# Common Abbreviations

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abandoned	Abn	bikeway	Bkwy
abutment	Abut	bituminous	Bit
acres	Ac	block	Blk
adjusted	Adj	board feet	Bd Ft
aggregate	Aggr	bore hole	BH
ahead	Ahd	both sides	BS
air release valve	ARV	bottom	Bot
alignment	Align	Boulevard	Blvd
alley	Al	boundary	Bndry
alternate	Alt	brass cap	BC
aluminum	Alum	breakaway	Brkwy
ampere	A	bridge	Br
and	&	building	Bldg
approach	Appr	Bureau of Land Management	BLM
approximate	Approx	butterfly valve	BV
asbestos cement pipe	ACP	bypass	Byp
asphalt	Asph	cable guardrail	C Gdrl
asphalt cement	AC	calculate	Calc
assumed	Assmd	candela	Cd
at	@	cast iron pipe	CIP
attenuation	Atten	catch basin	CB
Avenue	Ave	cationic rapid setting	CRS
average	Avg	cattle guard	C Gd
average daily traffic	ADT	center to center	C To C
azimuth	Az	centerline	Cl
back	Bk	centimeter	Cm
back face	BF	chain	Ch
backsight	Bs	chain-link	Chnlk
balcony	Balc	channel block	Ch Blk
barbed wire	B Wire	channel change	Ch Ch
barricade	Barr	check	Chk
battery	Btry	chiseled	Chsld
bearing	Brg	circle	Cir
beehive inlet	BI	class	Cl
begin	Beg	clay	Cl
bench mark	BM	clay fill	Cl F

clay heavy	Cl Hvy	crown	Crn
clay loam	Cl Lm	cubic feet	CF
clean-out	Clnt	cubic meter	M3
clear	Clr	cubic meters per second	M3/s
clearing & grubbing	Cl&gr	cubic yard	CY
coal slack	Co S	cubic yards per mile	Cy/mi
combination	Comb.	culvert	Culv
commercial	Coml	curb & gutter	C&G
compression	Compr	curb inlet	CI
computer aided drafting & design	CADD	curb ramp	CR
concrete	Conc	curve to spiral	CS
conductor	Cond	cut	C
construction	Const	dead load	Dd Ld
continuous	Cont	deflection	Defl
continuous split barrel sample	CSB	deformed	Defm
contraction	Contr	degree	Deg or I
contractor	Contr	delineate	Dlnt
control point	CP	delineator	Dlntr
coordinate	Coord	depression	Depr
corner	Cor	description	Desc
corrected	Corr	detail	Det
corrugated aluminum end section	CAES	detour	Dtr
corrugated aluminum pipe	CAP	diameter	Dia
corrugated metal end section	CMES	direction	Dir
corrugated metal pipe	CMP	distance	Dist
corrugated poly-vinyl chloride pipe	CPVCP	disturbed material	DM
corrugated steel end section	CSES	ditch block	DB
corrugated steel pipe	CSP	ditch grade	DG
coulomb	C	double	Dbl
County	Co	down	Dn
course	Crse	drawing	Dwg
course gravel	C Gr	drive	Dr
course sand	CS	driveway	Drwy
Court	Ct	drop inlet	DI
cross arm	Xarm	dry density	D
cross buck	Xbuck	each	Ea
cross sections	Xsec	easement	Esmt
crossing	Xing	East	E

**E - Common Abbreviations - 2**

elastomeric	Elast	flared end section	FES
electric locker	EL	flashing beacon	F Bcn
electric meter	E Mtr	flight auger sample	FA
electric/al	Elec	flow line	FL
electronic distance meter	EDM	footing	Ftg
elevation	Elev or El	force main	FM
elliptical	Ellipt	foresight	Fs
embankment	Emb	found	Fnd
emulsion/emulsified	Emuls	foundation	Fdn
end section	ES	fractional	Frac
engineer	Engr	freeway	Frwy
equal	Eq	front	Frt
equation	Eq	front face	FF
evergreen	Evgr	fuel dispenser	F Disp
excavation	Exc	fuel filler pipes	FFP
existing	Exst	fuel leak sensor	FLS
expansion	Exp	furnish/ed	Furn
Expressway	Expy	gallon	Gal
external of curve	E	galvanized	Galv
extruded	Extru	garage	Gar
factor of safety	FOS	gas line	Gs L
Fahrenheit	F	gas line regulator	G Reg
far side	FS	gas main valve	GMV
farad	F	gas meter	G Mtr
Federal	Fed	gas service valve	GSV
Federal Highway Administration	FHWA	gas vent pipe	GVP
feed point	FP	gate valve	GV
feet/foot	Ft	gauge	Ga
fence	Fn	geodetic	Geod
fence post	Fn P	Geographical Information System	GIS
fiber optic	FO	giga	G
field book	FB	Global Positioning System	GPS
field drive	FD	government	Gov
fill	F	graded/grade	Grd
fine sand	FS	gravel	Gr
fire hydrant	FH	ground	Grnd
flange	Fl	ground water monitor	GWM
flared	Flrd	guardrail	Gdrl

gutter	Gtr	kilometer	Km
H piling	H Plg	Kip(s)	K
headwall	Hdwl	Land Surveyor (licensed)	LS
hectare	Ha	Land Surveyor In Training	LSIT
height	Ht	lane	Ln
height of instrument	HI	large	Lg
helical	Hel	latitude	Lat
henry	H	left	Lt
hertz	Hz	length of curve	L
high mast	HM	lenses	Lens
high pressure	HP	level	Lvl
high pressure sodium	HPS	level book	LB
highway	Hwy	leveling	Lvlng
horizontal	Hor	light	Lht
hour(s)	Hr	light pole	LP
hydrant	Hyd	lighting	Ltg
hydrogen ion content	Ph	lignite coal	Lig Co
identification	Id	lignite slack	Lig Sl
inch	In or "	linear foot	LF
inclinometer tube	Incl	liquid	Liq
inlet manhole	IMH	liquid limit	LL
inside diameter	ID	litre	L
instrument	Inst	loam	Lm
interchange	Intchg	location	Loc
intermediate	Intmdt	long chord	LC
intersection	Intscn	longitude	Long.
invert	Inv	loop	Lp
iron monument	IM	loop detector	LD
Iron Pin	I Ph	lumen	Lm
iron Pipe	IP	luminaire	Lum
joint	Jt	lump sum	L Sum
joule	J	lux	Lx
junction	Jct	main line	ML
kelvin	K	man hour	M Hr
kilo newton	Kn	manhole	MH
kilo pascal	Kpa	marked	Mkd
kilogram	Kg	marker	Mkr
kilogram per cubic meter	Kg/m <sup>3</sup>	marking	Mkg

mast arm	MA	number	No. or #
material	Matl	obscure(d)	Obsc
maximum	Max	observation	Obsn
meander corner	MC	occupied	Ocpd
measure	Meas	occupy	Ocpy
median	Mdn	office location	Off Loc
median drain	MD	offset	O/s
medium curing	MC	on center	OC
mega	M	one dimensional consolidation	C
meridian	Mer	organic content	OC
meter	M	original	Orig
meters per second	M/s	out to out	O To O
mid ordinate of curve	M	outside diameter	OD
mile	Mi	overhead	OH
mile marker	MM	pad mounted transformer	PMT
mile post	MP	pages	Pg
milliliter	MI	painted	Pntd
millimeter	Mm	pair	Pr
millimeters per hour	Mm/hr	panel	Pnl
minimum	Min	park	Pk
miscellaneous	Misc	Parker-Kalon nail	PK
monument	Mon	pascal	Pa
mound	Mnd	passing sight distance	PSD
mountable	Mtbl	pavement	Pvmt
mounted	Mtd	pedestal	Ped
mounting	Mtg	pedestrian	Ped
muck	Mk	pedestrian pushbutton post	PPP
municipal	Mun	penetration	Pen.
nano	N	perforated	Perf
National Geodetic Survey	NGS	perimeter	Per.
near side	NS	pipeline	PL
neoprene	Neop	place	Pl
network	Ntwk	plan & profile	P&P
newton	N	plastic limit	PL
North	N	plate	Pl
North Dakota Department of Transpo	NDDOT	point	Pt
North East	NE	point of compound curve	PCC
North West	NW	point of curve	PC

point of intersection	PI	reference marker	R Mkr
point of reverse curvature	PRC	reference monument	RM
point of tangent	PT	reflectorized	Refl
point on curve	POC	reinforced concrete box	RCB
point on tangent	POT	reinforced concrete end section	RCES
polyethylene	PE	reinforced concrete pipe	RCP
polyvinyl chloride	PVC	reinforced concrete pipe sewer	RCPS
Portland Cement concrete	PCC	reinforcement	Reinf
pounds	Lb or #	reservation	Res
power pole	PP	retaining	Ret
preemption	Preempt	reverse	Rev
prefabricated	Prefab	right	Rt
preformed	Prfmd	right of way	R/W
preparation	Prep	river	Riv
pressure	Press.	road	Rd
pressure relief valve	PRV	road bed	Rdbd
prestressed	Prestr	roadway	Rdwy
private	Pvt	rock	Rk
private drive	PD	route	Rt
production/produce	Prod.	salvage(d)	Salv
programmed	Prog	sand	Sd
property	Prop.	sandy clay	Sdy Cl
property line	Prop Ln	sandy clay loam	Sdy Cl I
proposed	Ppsd	sandy fill	Sdy Fl
pull box	PB	sandy loam	Sdy Lm
quantity	Qty	sanitary sewer line	San
quarter	Qtr	scoria	Sc
radius	Rad or R	seconds	Sec
railroad	RR	section	Sec
railway	Rlwy	section line	SL
raised	Rsd	separation	Sep
random traverse point	RTP	sequence	Seq
range	Rge or R	service	Serv
rapid curing	RC	shale	Sh
record	Rec	sheet	Sht
recycle	Rcy	sheeting	Shtng
recycled Portland cement concrete	RPCC	shoulder	Shldr
reference	Ref	sidewalk	Sw

siemens	S	street	St
sight distance	SD	structural plate pipe	SPP
signal	Sig	structural plate pipe arch	SPPA
silt clay	Si Cl	structure	Str
silty clay loam	Si Cl Lm	subdivision	Subd
silty loam	Si Lm	subgrade	Sub
single	Sgl	subgrade preparation	Sub Pre
slow curing	SC	subsoil	Ss
slow setting	SS	superelevation	SE
small	Sm	supplement specification	SS
South	S	supplemental	Supp
South East	SE	surfacing	Surf
South West	SW	survey	Surv
spaces	Sp	symmetrical	Sym
special	Spcl	Systems International	SI
special provisions	SP	tangent	Tan
specific gravity	G	tangent (semi)	T
spike	Spk	tangent to spiral	TS
spiral to curve	SC	telephone	Tel
spiral to tangent	ST	telephone pole	Tel P
split barrel sample	SB	television	Tv
sprinkler head	SH	temperature	Temp
sprinkler valve	SV	temporary	Temp
square	Sq	temporary bench mark	TBM
square feet	SF	tesla	T
square kilometer	Km2	thinwall tube sample	T
square meter	M2	tons per mile	T/mi
square yard	SY	topsoil	Ts
stake	Stk	township	Twp or '
standard	Std	traffic	Traf
standard penetration test	N	traffic signal control box	TSCB
Standard Specifications	Std Specs	trail	Tr
station	Sta	transformer	Transf
station yards	Sta Yd	transit book	TB
steam line	Stm L	transition	Trans
steel encased concrete	SEC	transmission tower	TT
stopping sight distance	SSD	transverse	Trans
storm drain	SD	traverse	Trav

traverse point	TP
treated	Trtd
treatment	Trmt
triaxial compression	Qc
triple	Tpl
turning point	TP
typical	Typ
unconfined compressive strength	Qu
underground	Ugrnd
US Coast & Geodetic Survey	USC&G
US Geologic Survey	USGS
utility	Util
valley gutter	VG
vapor	Vap
vertical	Vert
vertical curve	VC
vitriified clay pipe	VCP
volt	V
volume	Vol
walkway	Wkwy
water content	W
water gate valve	WGV
water line	WL
water main	WM
water main valve	WMV
water meter	W Mtr
water service valve	WSV
water well	WW
watt	W
wearing	Wrng
weber	Wb
West	W
wiring	Wrng
with	W/
without	W/o
witness corner	WC
World Geodetic System	WGS
zenith	Z